Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	298	(9-amino adj acridine) or 9-aminoacridine	US-PGPUB; USPAT	OR	OFF	2005/02/02 18:06
S3	34	S2 and breast	US-PGPUB; USPAT	OR	OFF	2005/02/02 18:04
S4	228	(9-amino adj acridine) or 9-aminoacridine	USPAT	OR	OFF	2005/02/02 18:06
S5	254	(9-amino adj acridine) or 9-aminoacridine	USPAT; DERWENT	OR	OFF	2005/02/02 18:16
S6	217	514/297.ccls.	USPAT; DERWENT	OR	OFF	2005/02/02 18:16
S7	72	S6 and acridine	USPAT; DERWENT	OR	OFF	2005/02/02 18:16
S8	16	S7 and breast	USPAT; DERWENT	OR	OFF	2005/02/02 18:16
S9	22	S7 and (colon or prostate or neuroblastoma or glioma or breast)	USPAT; DERWENT	OR	OFF	2005/02/02 18:30
S10	367	9-amino	USPAT; DERWENT	OR	OFF	2005/02/02 18:30
S11	1	S9 and S10	USPAT; DERWENT	OR	OFF	2005/02/02 18:30

1: Bone Miner. 1991 Jul;14(1):1-13.

Ascites sarcoma 180, an animal model of humoral hypercalcemia of malignancy, produces a factor(s) exhibiting potent bone-resorbing activity without any parathyroid hormone-like activity.

Suzuki K, Yamada S.

Department of Pharmacology, School of Dentistry, Showa University, Tokyo Japan.

Ascites sarcoma 180 (S180A) is a transplantable tumor maintained in ddY mice. In the tumor-bearing mice, the plasma Ca, Pi and acid phosphatase levels increased and the plasma alkaline phosphatase levels decreased. The elevation of plasma Pi levels is unusual in humoral hypercalcemia of malignancy (HHM). To characterize the pathogenesis of HHM in the animals, the biological activities in the serum-free conditioned media (CM) of S180A cell cultures were examined. The S180A CM stimulated bone resorption dose dependently and showed TGF-like, IL-1-like and mitogenic activity. Unlike parathyroid hormone (PTH), the factor(s) failed to stimulate cAMP production by either UMR 106-01 cells or neonatal mouse calvaria at concentrations that stimulate bone resorption. Also, the factor(s) stimulated proliferation of UMR 106-01 cells concomitant with a slight increase in intracellular calcium levels. These results indicate that S180A cells produce a factor(s) responsible for bone resorption which is apparently different from PTH-like activity.

PMID: 1651137 [PubMed - indexed for MEDLINE]

About Entrez

Text Version

Entrez PubMed
Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services
Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
LinkOut
My NCBI (Cubby)

Related Resources
Order Documents
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

1: Eur J Cancer. 1973 Nov-Dec;9(11-12):785-8.

Related Articles, Links

Nuclear and nucleolar ultrastructural lesions induced by 1-nitro-9-aminoacridine (C-283) in human ovarian carcinoma cells.

Krzyzowska-Gruca S, Gruca S, Kwasniewska-Rokicinska C, Vorbrodt A.

PMID: 4804305 [PubMed - indexed for MEDLINE]

Display Abstract Show: 20 Sort Send to Text